

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

IMPROVED PHOTOLITHOGRAPHY PROCESS USING MULTIPLE ANTI-REFLECTIVE COATINGS

The specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Not Claimed
_____ (Number)	_____ (Country)	_____ (Filing Date)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Filing Date)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Filing Date)	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject

matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Please address all correspondence to Thomas J. D'Amico of Dickstein Shapiro Morin & Oshinsky LLP located at 2101 L Street NW, Washington, DC 20037-1526. Telephone calls should be made to (202) 785-9700.

Full name of first inventor: Philip J. Ireland

Inventor's signature: Philip J. Ireland Date: 8/31/99
 Residence: Nampa, Idaho
 Citizenship: United States of America
 Post Office Address: 6722 E. Locust Lane
 Nampa, ID 83686

Docket No.: M4065.0143/P143
Micron No.: 98-0599

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
DECLARATION FOR PATENT APPLICATION

Signature Page for Second Inventor

Full name of second inventor: Thomas R. Glass

Inventor's signature:



Date:

8/25/99

Residence: Idaho City, Idaho

Citizenship: United States of America

Post Office Address: P.O. Box AB
Idaho City, ID 83631

09941750-083001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION FOR PATENT APPLICATION

Signature Page for Third Inventor

Full name of third inventor: Gurtej Sandhu

Inventor's signature: _____

Gurtej Sandhu

Date: _____

8/31/99

Residence: Boise, Idaho

Citizenship: United Kingdom

Post Office Address: 2964 East Parkriver Drive
Boise, Idaho 83706

1028504 v2; M1LK021.DOC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Phillip J. Ireland et al.

Serial No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Filed: Concurrently Herewith

Examiner: Not Yet Assigned

For: IMPROVED
PHOTOLITHOGRAPHY
PROCESS USING MULTIPLE
ANTI-REFLECTIVE
COATINGS

Assistant Commissioner for Patents
Washington, D.C. 20231

**POWER OF ATTORNEY BY ASSIGNEE AND
CERTIFICATE BY ASSIGNEE UNDER 37 CFR § 3.73(b)**

Micron Technology, Inc., assignee of the entire right, title and interest in the above-identified application by virtue of the assignment attached hereto (which is also being submitted concurrently for recordation), hereby appoints the attorneys and agents of the firm of Dickstein Shapiro Morin & Oshinsky LLP located at 2101 L Street NW, Washington DC 20037-1526, listed as follows: Gary M. Hoffman, 26,411; Thomas J. D'Amico, 28,371; Donald A. Gregory, 28,954; James W. Brady, Jr., 32,115; Jon D. Grossman, 32,699; Mark J. Thronson, 33,082; Laurence E. Fisher, 37,131; John R. Fuisz, 37,327; Brian A. Lemm, 43,748; Gianni Minutoli, 41,198; Eric Oliver, 35,307; William E. Powell, III, 39,803; James M. Silbermann, 40,413 and Salvatore P. Tamburo, P-45,153, and also attorneys of Micron Technology, Inc. as its attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

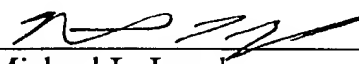
09041750 "033001
T00E80" 09274660

The assignee certifies that the above-identified assignment has been reviewed
and to the best of the assignee's knowledge and belief, title is in the assignee.

Please direct all correspondence regarding this application to the following:

Thomas J. D'Amico, Esq.
Dickstein Shapiro Morin & Oshinsky LLP
2101 L Street NW
Washington, DC 20037-1526
Telephone: (202) 828-2232
Fax: (202) 887-0689

MICRON TECHNOLOGY, INC.



Michael L. Lynch
Chief Patent Counsel
Registration No. 30,871

Dated: 9-16-99

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COPY

ASSIGNMENT AND AGREEMENT

For value received, we, Philip J. Ireland, Thomas R. Glass and Gurtej Sandhu hereby sell, assign and transfer to Micron Technology, Inc., a corporation of the State of Delaware, having an office at 8000 S. Federal Way, Boise, Idaho 83706-9632, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to an invention entitled IMPROVED PHOTOLITHOGRAPHY PROCESS USING MULTIPLE ANTI-REFLECTIVE COATINGS, described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Micron Technology, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Micron Technology, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Micron Technology, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Micron Technology, Inc. in the United States and in all countries foreign to the United States, or to such nominees as Micron Technology, Inc. may designate.

1028502-09-04650

We agree that, when requested, we shall, without charge to Micron Technology, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

COPY

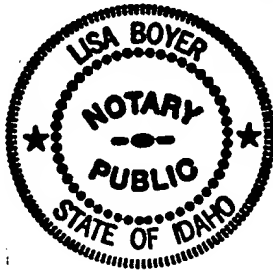
Philip J. Ireland
Philip J. Ireland

Date: 8/31/99

United States of America)
State Idaho)ss.:
County of Ada)

On this 31 day of August, 1999, before me
personally came Philip J. Ireland, to me known to be the
individual described in and who executed the foregoing instrument, and acknowledged
execution of the same.

Lisa Boyer
Notary Public



1028502 v1; M1L\$011.DOC

08/25/99 15:51

NO. 991 P004

Docket No.: M4065.0143/P143

Micron No.: 98-0599

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

Signature Page for Second Inventor

COPY

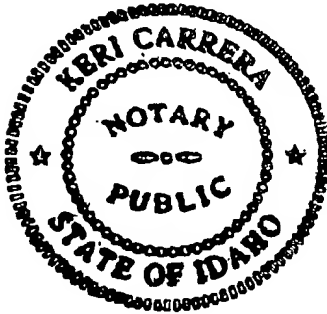
Date: August 25, 1999

Thomas Glass

United States of America)
State Idaho) ss.:
County Ada)

On this 25th day of August, 1999, before me personally came Thomas Glass, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

[illegible]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

COPY

Signature Page for Third Inventor

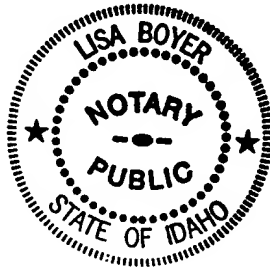
Gurtej Sandhu
Gurtej Sandhu

Date: 8/31/99

United States of America)
State Idaho)ss.:
County of Ada)

On this 31 day of August, 1999, before me
personally came Gurtej Sandhu, to me known to be the
individual described in and who executed the foregoing instrument, and acknowledged
execution of the same.

Lisa Boyer
Notary Public



1028502 v1; M1LS011.DOC